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MONTANA OIL AND GAS
STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
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HELENA, MONTANA 59601

Vol. XX, No. 2 4 **FEBRUARY, 1972**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February, 1972 averaged 90,494 barrels daily, an increase of 2,472 barrels from the average January, 1972 production of 88,022.

The nine refineries in the state processed 125,438 barrels of crude oil daily for the month of February, 1972, a decrease of 5,084 barrels from the 130,522 barrels processed daily during the month of January, 1972.

During February, 44 wells were completed, 5 oil, 8 gas and 31 dry holes.

During February the commission issued 39 permits to drill new wells, a decrease of 4 from the 43 permits issued during January.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA
MONTH OF FEBRUARY, 1972

IN STIRAGE FEBRUARY 1st	
By Producers	319,230
By Transporters	1,245,295
By Refiners	814,568
TOTAL STORAGE	2,379,093
Produced in Montana During Month	2,624,320
Imported During Month	2,999,143
TOTAL	8,002,556
DISPOSITION:	
Refined in Montana	3,637,719
Exported	1,819,220
Used for Fuel or Lost	12,302
TOTAL	5,469,241
IN STORAGE FEBRUARY 29th	
By Producers	322,867
By Transporters	1,284,702
By Refiners	925,746
TOTAL STORAGE	2,533,315

NATURAL GAS WITHDRAWALS IN MONTANA
Month of February, 1972

Field	M. C. Ft.
Bell Creek	147,099
Big Coulee	174,338
Blackjack	53,780
Bowdoin	411,469
Bowes	31,743
Cabin Creek	89,035
Cedar Creek	1,796,765
Cut Bank (including Regan)	428,036
Dry Creek	41,963
Elk Basin	41,728
Flat Coulee	18,328
Gold Butte	— 0 —
Grandview	28,650
Hardin	806
Keith Block	147,158
Kevin Sunburst	43,525
Lake Basin	64,405
Middle Basin	3,006
Mt. Lilly	64,779
Pine	40,634
Plevna	8,396
South Devon	5,377
Tiger Ridge—Squaw Coulee	121,104
Trail Creek	9,637
Utopia	60,297
West Butte	55,005
Whitlash	71,880
Miscellaneous	366,416
TOTAL	4,325,359

Total Withdrawals for February, 1971, were 3,766,418.

PRODUCERS REPORT — MONTH OF FEBRUARY, 1972

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Loss or Gain	Storage End of Month
3	Ash Creek	3	208	1,263	.....	1,318	.....	153
1	Bainville	1	3,060	1,761	.....	2,486	.....	2,335
2	Bannatyne	2	.....	379	379	.....	.....	.....
6	Bear's Den	7	1,944	1,509	.....	1,603	.....	1,850
18	Bell Creek	296	27,001	450,096	499,992	.....	144	26,961
...	Benrud	.....	49	.....	.....	.....	.....	49
2	Benrud East	2	1,072	11,980	11,289	.....	.....	1,763
1	Benrud Northeast	1	1,042	2,107	2,431	.....	.....	718
...	Berthelote	.....	333	.....	.....	.....	.....	333
5	Big Wall	18	2,904	6,976	7,533	.....	.....	2,347
2	Blackfoot	2	1,036	27	323	.....	.....	740
3	Border	4	1,557	627	.....	570	.....	1,614
1	Bowes	47	5,831	11,393	8,994	.....	.....	8,230
1	Bradley	1	578	548	717	.....	.....	409
...	Brady	.....	102	.....	.....	.....	.....	102
4	Brorson-Madison	4	2,210	3,480	.....	4,306	.....	1,384
5	Brorson-Red River	5	4,124	12,145	.....	11,983	.....	4,286
3	Brorson-Red River South	3	2,145	6,329	.....	6,506	.....	1,968
7	Brush Lake	7	1,120	26,399	26,833	.....	.....	686
2	Cabin Creek	90	.....	266,607	266,607	.....	.....	.....
1	Canal	1	846	6,170	.....	6,013	.....	1,003
10	Cat Creek	47	2,965	17,247	16,565	944	.....	2,703
...	Clark's Fork	.....	6	.....	.....	.....	.....	6
...	Clark's Fork South	.....	345	.....	.....	214	.....	131
3	Conrad South	3	100	978	978	.....	.....	100
2	Cow Creek	2	845	1,184	.....	1,665	.....	364
3	Cow Creek East	3	868	21,678	.....	21,916	.....	630
1	Culbertson	1	403	1,033	.....	1,044	.....	392
6	Cupton	6	4,501	10,280	.....	10,251	.....	4,530
97	Cut Bank	821	59,679	380,095	381,519	.....	.....	58,255
...	Dean Dome	.....	65	.....	.....	.....	.....	65
1	Deer Creek	1	616	1,158	1,240	.....	.....	534
...	Delphia	.....	103	.....	.....	.....	.....	103
...	Devil's Basin	.....	573	.....	.....	.....	.....	573
2	Dwyer	14	4,123	20,169	19,744	.....	.....	4,548
3	Elk Basin	46	666	129,569	129,477	.....	.....	758
5	Elk Basin Northwest	14	1,603	4,276	3,989	.....	.....	1,890
5	Fairview	9	6,787	28,368	5,083	19,156	.....	10,916
2	Fertile Prairie	2	729	359	.....	783	.....	305
5	Flat Coulee	20	2,902	6,442	7,522	.....	75	1,747
32	Flat Lake	52	3,785	46,078	45,826	.....	.....	4,037
6	Flat Lake South	6	1,023	8,644	8,785	.....	.....	882
1	Ft. Gilbert	2	235	27,147	27,105	.....	.....	277
1	Frannie	1	.....	1,305	1,305	.....	.....	.....
9	Fred & George Creek	34	3,087	34,530	35,452	.....	.....	2,165
1	Gage	1	141	90	.....	201	.....	30
2	Gas City	16	6,023	20,233	15,026	4,751	.....	6,479
2	Girard	2	1,628	2,298	.....	2,595	.....	1,331
11	Glendive	15	2,547	25,738	25,345	.....	.....	2,940
26	Goose Lake	33	5,628	32,361	32,458	.....	.....	5,531
8	Graben Coulee	14	4,687	2,874	1,019	1,688	.....	4,854
...	Gypsy Basin	.....	944	.....	.....	.....	.....	944
1	Hay Creek-Mission Canyon	1	41	1,337	1,333	.....	.....	45
2	Hay Creek-Red River	2	312	12,076	11,977	.....	.....	411
4	Hiawatha	4	2,003	6,993	6,233	.....	.....	2,763
...	Hibbard	.....	472	.....	.....	.....	.....	472
...	Injun Creek	.....	898	.....	.....	.....	.....	898
6	Ivanhoe	12	1,905	4,645	4,904	.....	.....	1,646
3	Jim Coulee	8	2,875	34,905	34,709	.....	.....	3,071
4	Keg Coulee	16	5,384	13,297	13,514	.....	.....	5,167
2	Keg Coulee North	2	680	363	383	.....	.....	660
1	Kelley	4	624	4,126	3,804	.....	.....	946
48	Kevin Sunburst	276	7,778	15,260	14,000	808	8	8,222
8	Laird Creek	10	880	2,560	.....	2,606	.....	834
3	Leary	3	1,885	3,145	.....	3,144	10	1,876
1	Little Beaver	23	.....	35,053	35,053	.....	.....	.....
2	Little Beaver East	12	2,407	13,154	13,404	.....	.....	2,157
1	Little Wall Creek	1	428	2,394	2,508	.....	.....	314
...	Lodge Grass	.....	700	.....	.....	.....	.....	700
3	Lonetree Creek	3	1,775	25,863	.....	25,762	.....	1,876
3	Lookout Butte (Coral Creek)	30	1,221	58,432	58,868	.....	.....	785
1	Mason Lake	1	574	246	357	.....	.....	463
2	Melstone	3	965	1,828	2,144	.....	.....	649
1	Mineral Bench	1	527	438	413	.....	.....	552
...	Miner's Coulee	.....	107	.....	.....	.....	.....	107
11	Monarch	14	3,867	15,212	10,865	3,893	.....	4,321
3	Mosser	3	.....	561	.....	561	.....	.....
2	Otis Creek	2	656	4,736	.....	4,869	.....	523
6	Outlook	8	5,608	15,733	17,518	.....	.....	3,823
1	Outlook South	1	744	710	859	.....	.....	595
2	Outlook West	2	1,614	2,765	3,631	.....	.....	748
1	Pennel-Lookout Butte	113	.....	146,361	146,361	.....	.....	.....
3	Pine	108	16,846	229,873	229,843	.....	.....	16,876
57	Pondera	256	5,844	19,880	20,607	.....	.....	5,117
6	Poplar	65	9,342	42,782	41,643	.....	.....	10,481
2	Poplar Northwest	2	2,325	319	1,101	.....	.....	1,543
...	Prairie Elk	.....	1,535	.....	.....	.....	.....	1,535
1	Pritchard Creek	1	167	346	346	.....	.....	167
1	Putnam	1	443	4,669	.....	4,669	.....	443
4	Ragged Point	11	3,402	4,382	4,823	.....	.....	2,961
2	Rattlesnake Coulee	2	664	563	376	.....	.....	851
2	Reagan	40	321	15,804	15,610	.....	.....	515
1	Red Creek	21	.....	12,087	12,087	.....	.....	.....
1	Red Fox	1	324	721	704	.....	.....	341
1	Redstone	1	227	1,606	1,591	.....	.....	242
1	Repeat	1	660	1,025	.....	1,095	310	280
3	Reserve	3	.....	6,866	6,866	.....	.....	.....
1	Richey	1	352	520	667	.....	.....	205
1	Richey Southwest	6	700	2,296	2,550	.....	.....	446
1	Rush Mountain	1	574	2,653	2,898	.....	.....	329
3	Salt Lake	3	645	3,267	.....	3,358	.....	554
3	Sand Creek	3	1,743	3,899	3,140	.....	.....	2,502
1	Snyder	4	1,208	345	.....	723	.....	830
7	Soap Creek	18	4,507	2,409	.....	2,433	.....	4,483
2	Spring Lake	2	940	2,044	.....	1,681	.....	1,303
1	Stensvad	3	2,814	23,689	23,392	.....	.....	3,111
11	Sumatra	75	13,728	83,097	82,705	.....	116	14,004
5	Tule Creek	6	1,966	21,602	.....	20,128	.....	3,440
2	Tule Creek East	2	569	7,089	.....	6,710	.....	948
2	Tule Creek South	3	989	2,745	.....	3,008	.....	726
2	Vida	2	253	654	.....	.....	.....	907
4	Volt	5	3,498	11,146	11,887	.....	.....	2,757
1	Weed Creek	1	301	1,382	1,320	.....	2	361
3	Weldon	3	964	10,406	8,989	.....	.....	2,381
1	West Butte	1	.....	1,873	.....	1,873	.....	.....
14	Whitlash	36	8,823	9,408	9,528	.....	.....	8,703
1	Whitlash West	1	568	322	211	.....	.....	679
3	Willow Creek North	3	803	2,171	2,223	.....	.....	751
2	Wills Creek South	2	.....	2,573	2,573	.....	.....	.....
4	Wolf Springs	5	3,223	3,186	2,334	.....	.....	4,075
2	Woodrow	2	204	2,052	1,957	.....	.....	299
4	Wright Creek	4	1,157	1,772	1,216	.....	.....	1,713
...	Wildcat, Blaine Cty	.....	157	.....	.....	.....	.....	157
...	Wildcat, Carbon Cty	.....	310	.....	.....	.....	.....	310
1	Wildcat, Daniels Cty	1	531	704	.....	660	.....	575
1	Wildcat, Dawson Cty	1	.....	3,203	.....	2,863	.....	340
2	Wildcat, Glacier Cty	5	1,659	626	449	.....	.....	1,836
...	Wildcat, Liberty Cty	.....	396	.....	.....	.....	.....	396
1	Wildcat, McCone Cty	1	922	661	.....	859	.....	724
1	Wildcat, Richland Cty	1	68	17,815	.....	16,187	.....	1,696
1	Wildcat, Roosevelt Cty	1	859	1,665	.....	2,125	.....	399
606	TOTAL	2,929	319,230	2,624,320	2,410,010	210,008	665	322,867

Total Oil Produced & Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1971	34,598,723	94,791	34,623,678	94,859
January, 1972	2,728,681	88,022	2,699,691	87,087
February, 1972	2,624,320	90,494	2,620,018	90,345

Oil In Storage	In Producers Field Tanks	In Transporters Storgae	In Refiners Storage ‡	Total Oil in Storage ‡
December, 1971	290,832	1,316,908	605,612	2,213,352
January, 1972	319,230	1,245,295	814,568	2,379,093
February, 1972	322,867	1,284,707	925,746	2,583,315

• Montana Oil Only
‡ Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF FEBRUARY, 1972

	Storage First of Month	Oil Received By			Loss or (Gain)	Oil Shipped To			Storge End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—									
Western Crude Oil, Inc.			1,318				1,318		
BAINVILLE—Koch Oil Company			2,486				2,486		
BEAR'S DEN—Truck			1,603				1,603		
BELL CREEK—Pipeline	49,990	449,992					270,608	202,028	27,346
BIG WALL—									
Continental Pipeline Co.		9,757				9,757			
BLACKFOOT—									
Camerland Cardinal Corp.		323						323	
BORDER—Permian Corp.			570					570	
BOWES—Texaco Inc.		8,994				8,994			
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—									
Koch Oil Company			22,795					22,795	
BRUSH LAKE—									
Portal Pipeline Co.		28,310					28,310		
CABIN CREEK & OTHERS*—									
Butte Pipeline Co.	371,491	642,756	48,417	645,650			1,311,064		397,250
Shell Pipeline Co.	5,297	269,889			143			272,323	2,720
	376,788	912,645	48,417	645,650	143		1,311,064	272,323	399,970
CANAL—									
Koch Oil Company			6,013				6,013		
CAT CREEK—									
Continental Pipeline Co. & Truck		16,565	944			17,509			
CLARK'S FORK AND CLARK'S FORK SOUTH—									
Permian Corp.			214				214		
COW CREEK & COW CREEK EAST—									
Western Crude Oil, Inc.			23,581				23,581		
CULBERTSON—									
Spruce Oil Co.			1,044				1,044		
CUT BANK—									
Continental Pipeline Co.			5,093	532,386				537,479	
Phillips Petroleum Co.	39,063	153,311		7,491	2,493	143,148		17,475	36,749
Texas Pipeline Co.	13,403	42,373		57,492	(150)			101,613	11,805
Union Oil Co.	44,581	48,514			446	41,078			51,571
Western Oil Trans. Co.		42,012						42,012	
Western Oil Trans. Co. (Moulton)		106,187						106,187	
	97,047	392,397	5,093	597,369	2,789	184,226		804,766	100,125
DWYER—Portal Pipeline Co.		19,742					19,742		
ELK BASIN & ELK BASIN NORTHWEST—Marathon Pipeline		133,063				133,063			
FAIRVIEW—									
Fairview Pipeline Co.		5,083					5,083		
Koch Oil Company			19,156				19,156		
		5,083	19,156				24,239		
FLAT COULEE—									
Camerland Cardinal Corp.		6,604				6,604			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		49,921					49,921		
FT. GILBERT—									
Fairview Pipeline Co.		24,239					24,239		
FRANNIE—Interstate Pipeline Co.		1,395					1,395		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	5,355	36,372				28,453		8,742	4,532
GAGE—Truck			201			201			
GIRARD—									
Koch Oil Company			2,595				2,595		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	5,738	26,069			2,044			24,722	5,041
GOOSE LAKE—									
Portal Pipeline Co.		29,837					29,837		
HAY CREEK—									
Fairview Pipeline Co.		13,310					13,310		
HIAWATHA—									
Continental Pipeline Co.		4,652					4,652		
IVANHOE—									
Continental Pipeline Co.		4,904				4,904			
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		22,100				22,100			
KELLEY—									
Continental Oil Co.		3,804				3,804			
KEVIN SUNBURST—									
Big West Oil Co.	5,035	2,000				2,000			5,035
Homestake Oil & Gas Co.	2,870	1,084				1,802			2,152
Texas Pipeline Co.	11,652	5,982			410				17,224
	19,557	9,066			410	3,802			24,411
LEARY—Permian Corp.			3,144				3,144		
MASON LAKE—									
Continental Pipeline Co.		357				357			
MELSTONE—									
Continental Oil Co.		2,221				2,221			
MIDDLE WALL**—									
Continental Pipeline Co.		26,419						26,419	
MOSSER—Permian Corp.			561				561		
OTIS CREEK—									
Western Crude Oil, Inc.			4,869				4,869		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—									
Portal Pipeline Co.		22,108					22,108		
PONDERA—									
Phillips Petroleum Co.	32,662	21,773			338	28,700			25,397
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE,									
East Poplar Gathering System	16,802	62,905			697			65,678#	13,332
PUTNAM—									
Western Crude Oil, Inc.			4,669				4,669		
RAGGED POINT—									
Continental Pipeline Co.		4,823				4,823			
RED CREEK—									
Western Oil Transportation Co		12,700						12,700	
RESERVE—Portal Pipeline Co.		6,863					6,863		
RUSH MOUNTAIN—									
Sinclair Refining Co.		2,898					2,898		
SALT LAKE—									
Koch Oil Company			3,358				3,358		
SNYDER—Permian Corp.			723			723			
SOAP CREEK—Permian Corp.			2,433				2,433		
SPRING LAKE—									
Koch Oil Company			1,681				1,681		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	639,211	100,345		2,487,739	3,805	95,808		2,444,810	682,872
TULE CREEK—									
Spruce Oil Co.	2,145		26,838			27,307			1,676
Permian Corp.			3,008			3,008			
	2,145		29,846			30,315			1,676
WEED CREEK & WOLF SPRINGS									
Continental Pipeline Co.		3,655				3,655			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		10,411				7,491		2,920	
WILDCAT WELLS—Truck			22,694				22,694		
TOTAL	1,245,295	2,486,622	210,008	3,730,758	10,226	597,510	1,891,449	3,888,796	1,284,702

* Cabin Creek, Cupton, Fertile, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon and Wills Creek South
** Jim Coulee, Little Wall Creek and Willow Creek North
‡ Transferred to Butte Pipeline Company

BARRELS OF CRUDE OIL REFINED IN MONTANA
MINTH OF FEBRUARY, 1972

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Spruce Oil Co.	Westco Refi. Co.	Total
Big Wall		9,757								9,757
Cat Creek		2,699								2,699
Cut Bank							137,885		71,995	209,880
Elk Basin		51,153		43,622	38,288					133,063
Flat Coulee									6,604	6,604
Fred & George Creek	28,453									28,453
Ivanhoe		4,904								4,904
Keg Coulee		14,567		7,533						22,100
Kelley					3,804					3,804
Kevin Sunburst	3,802									3,802
Mason Lake		357								357
Melstone				2,221						2,221
Pondera							27,622			27,622
Ragged Point				4,823						4,823
Snyder		723								723
Sumatra & Stensvad		24,850		70,958	9,995					105,803
Tule Creek								60,816		60,816
Weed Creek					1,320					1,320
Whitlash							7,491			7,491
Wolf Springs					2,334					2,334
Total Montana Oil	32,255	109,010		129,157	55,741		172,998	60,816	78,599	638,576
Canadian Oil Imported		496,853		264,012	395,046					1,155,911
Wyoming Oil Imported		771,923		357,093	714,216					1,843,232
Total Montana, Canadian & Wyoming Oil	32,255	1,377,786		750,262	1,165,003		172,998	60,816	78,599	3,637,719

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1971	25,375	29,993	67,911	123,279
February, 1971	27,186	26,765	72,714	126,665
February, 1972	22,020	39,859	63,559	125,438

PERCENTAGE OL CRUDE OIL REFINED

Montana	Canada	Wyoming
20.58%	24.33%	55.09%
21.46%	21.13%	57.41%
17.55%	31.78%	50.67%